

Architectural Registration Exam Preparatory Classes

2024 ARE PACT / ARE Program Lesson Schedule

Note: All classes focus on the ARE 5.0 and are taught pro-bono by volunteer licensed architects and engineers.

All 2024 classes will occur in-person at the new Architecture & Design Center at 140 Sutter Street, SF. Registrants are encouraged to attend the in-person sessions. Anyone unable to attend an in-person session can select option to attend the session remotely via Zoom.

REGISTRATION FOR CLASSES: Registration is currently open for classes for the dates noted in the schedule below. **Make sure you add any dates you register for in your calendar.**

Registration is **REQUIRED** for each specific ARE class to receive the Zoom URL or link, copies of the class presentation, class quizzes, answers to quizzes, and supplementary information and communications from AIASF's Architectural Licensing Committee (ALC). Enter your email address correctly at registration to receive session materials and communications. Students attending in-person should download the presentation for their use in the in-person classes and bring their laptop or tablets to take quizzes and ask questions during class.

Click on the following link for registration: <https://aiasf.org/events/category/ARE/>

Contact Ryan Raskop or Roland Lau at aresfcourse@gmail.com for any questions, or Angela Chen, AIASF ARE program coordinator / Member Services Coordinator at achen@aiasf.org

Practice Management (PcM – previously part of PPP in ARE 4.0) VMWP / NLH / HCAI / Perkins Eastman Tuesday 6pm - 8pm In-Person & Virtual					
Session	Date	Duration	Titles	Outline	Instructor
PcM1	3/19/24 Tuesday	2 hours	Practice Management	Finances, risk & development practice; practice methodologies	Sara Mae Parker, RA / VMWP Naomi Horowitz, RA/ NLH Design Studio
PcM2	3/26/24 Tuesday	2 hours	Practice Management	Business operations, Practice-wide delivery of services	Steve Jackson, AIA / HCAI Roland Lau, AIA / Perkins Eastman

Project Management ¹ (PJM1– previously part of CDS ARE 4.0) HOK / SOM / Perkins Eastman Tuesday 6pm - 8pm In-Person & Virtual					
Session	Date	Duration	Titles	Outline	Instructor
PJM1	4/16/24 Tuesday	2 hours	Project Management	Resource Management, Project Work Planning	Melissa Barry, AIA / HOK Francesca Oliveira, FAIA / SOM
PJM2	4/23/24 Tuesday	2 hours	Project Management	Contracts, Project Execution, Project Quality Control	Anton Foss, AIA / HOK Roland Lau, AIA / Perkins Eastman

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Construction & Evaluation (CE - previously CDS ARE 4.0) HCAI / Perkins Eastman / P Mueller Design (Days of the week may vary, see schedule below) 6pm - 8pm In-Person & Virtual					
Session	Date	Duration	Titles	Outline	Instructor
CE1	5/14/24 Monday	2 hours	Construction & Evaluation	Pre-construction activities, construction observation	Steve Jackson, AIA / HCAI Roland Lau, AIA / Perkins Eastman
CE2	5/21/24 Tuesday	2 hours	Construction & Evaluation	Administrative procedures & protocols, project closeout & evaluation	Peter Mueller, AIA / Peter Mueller Design Roland Lau, AIA / Perkins Eastman

Programming & Analysis (previously PPP & SPD ARE 4.0) Peter Mueller Design / SCB Tuesday 6pm - 8pm In-Person & Virtual					
Session	Date	Duration	Titles	Outline	Instructor
PA1	6/11/24 Tuesday	2 hours	Programming & Analysis	Site Analysis & Programming, Building Analysis & Programming	Peter Mueller, AIA, Mueller Design Shawn Yang, RA, SCB
PA2	6/18/2024 Tuesday	2 hours	Programming & Analysis	Environmental & Contextual Conditions, Codes & Regulations	Fai Chong, AIA / SCB Heewon Choi, AIA / SCB

Project Planning & Design (PPD, – previously SPD in ARE 4.0) Peter Mueller Design / Perkins Eastman Tuesday 6pm - 8pm In-Person & Virtual					
Session	Date	Duration	Titles	Outline	Instructor
PPD0	7/2/24 Tuesday	2 hours	Project Planning & Design + Project Development & Documentation (SPD)	Environmental Conditions & Context; Sustainability in site planning, (legal, economic, and perceptual influences on site design	Peter Mueller, AIA / Peter Mueller Design Roland Lau, AIA / Perkins Eastman

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Project Planning & Design (previously SD in ARE 4.0) Tuesday 6pm - 8pm					Oblique City / STV In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD2	7/16/24 Tuesday	2 hours	Project Planning & Design (SD)	Environmental Conditions & Context – Schematic Design	Shaum Mehra, RA / Oblique City Joey Xu, AIA / STV

PPD + PDD (previously CDS in ARE 4.0) Perkins Eastman / PMueller Design / Oblique City / SmithGroup Tuesday 6pm - 8pm					In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD1 + PDD1	7/30/24 Tuesday	2 hours	Project Planning & Design + Project Development & Documentation (BDCS)	Project integration of program & systems, construction cost estimating; (Translating design concepts, project costs & budgeting)	Francesca Oliveira, FAIA / SOM Roland Lau, AIA / Perkins Eastman
PDD2	8/6/24 Tuesday	2 hours	Project Development & Documentation (CDS)	Construction Documentation, Project Manual & Specifications	Shaum Mehra, RA / Oblique City Jacob Kwan, RA / SmithGroup

PPD + PDD (previously CDS & BDCS in ARE 4.0) Tuesday 6pm - 8pm					Salter / SOM In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD3 + PDD3	8/13/24 Tuesday	2 hours	Project Planning & Design + Project Development & Documentation (BDCS)	Building Systems, Materials & Assemblies; (Construction Methods I: concrete, masonry, wood, metal, thermal & moisture protection)	Ryan Raskop, AIA / Salter Francesca Oliveira, FAIA / SOM

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PPD + PDD (previously CDS & BDCS in ARE 4.0) Tuesday 6pm - 8pm					HOK / Gensler In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD4 + PDD4	8/20/24 Tuesday	2 hours	Project Planning & Design + Project Development & Documentation (BDCS)	Building Systems, Materials & Assemblies, Codes & Regulations (Construction Methods II: doors, windows & glass, finish work) (Construction methods II: doors, windows & glass, finish work)	Melissa Barry, AIA / HOK Marissa Yee, AIA Gensler

PPD + PDD (previously Structural Systems in ARE 4.0) Tuesday 6pm – 8pm					Forell Elsesser / SCB / Gensler / FLAD In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD5 + PDD5	9/3/24 Tuesday	2 hours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Introduction to General Structures: Statics, equilibrium, strain, stress, section properties, deflection	Angelene Boto, SE / Forell Elsesser Heewon Choi, RA / SCB
PPD6 + PDD6	9/10/24 Tuesday	2 hours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Construction Materials: Steel & Concrete design; Steel Connection, Wood, & Masonry design	Angeline Boto, SE / Forell Elsesser Karen Chin, RA / Gensler
PPD7 + PDD7	9/17/24 Tuesday	2 hours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Foundation, retaining walls & long span structures	Mike DeRubeis, SE / Forell Elsesser Dan Hogman, RA / SmithGroup
PPD8 + PDD8	9/24/24 Tuesday	2 5ours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Lateral systems, seismic and wind design	Linsey Maclise, SE / Forell Elsesser Peter Wen, RA / FLAD

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PPD + PDD (previously Building Systems in ARE 4.0) Tuesday 6pm - 8pm					ARUP / Mazzetti In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD9 + PDD9	10/15/24 Tuesday	2 hours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Lighting & Electrical Systems (Kaplan - Chapter 6 & 7)	Silvia Reshmeen, PE / Arup Janelle Drouet, IES LC / Mazzetti
PPD10 + PDD10	10/22/24 Tuesday	2 hours	Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Mechanical Equipment and Energy Codes; Basic Thermal Processes, Comfort Climate and Solar Design (Kaplan - Chapters 3, 4, 5)	Manju Venugopal, PE / Arup Tony Pulsatera, PE / Arup Wyatt Kennedy, PE / Arup

PPD + PDD (previously Building Systems in ARE 4.0) Monday 6pm - 8pm					ARUP / Holmes Fire In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD11 + PDD11	10/29/24 Monday	2 hours	Building Systems, Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Water Supply and Building Systems: Drainage Systems & Fire Safety (Kaplan – Chapter 2)	Lingyan Gorsuch, PE, CPD, LEED AP, BDC / Arup Geza Szakats, PE / Holmes Fire

PPD + PDD (previously Building Systems in ARE 4.0) Tuesday 6pm - 8pm					Stout / SCB In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD12 + PDD12	11/12/24 Tuesday	2 hours	Building Systems, Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Sustainable Systems (Energy & Water Efficiency & Indoor Air Quality) (Kaplan Chap 1 Energy efficient design strategies Water conservation / waste reduction strategies Indoor air quality	Joel Stout, AIA, LEED Fellow, WELL AP Dan Hogman, RA / SmithGroup

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PPD + PDD (previously Building Systems in ARE 4.0)					Salter
Tuesday 6pm - 8pm					In-Person & Virtual
Session	Date	Duration	Titles	Outline	Instructor
PPD13 + PDD13	11/19/24 Tuesday	2 hours	Building Systems, Building Systems, Materials & Assemblies; Integration of Building Materials & Systems	Acoustics (Kaplan - Chapter 8)	Ethan Salter, PE, LEED AP / Salter Felipe Tavera / Salter

Note:

1. References in class schedule to Kaplan are related to ARE 5.0 & 4.0 study guides.
2. Materials in ARE class presentation used for ARE 5.0 are based upon Ballast 5.0 study guidebooks and Brightwood ARE 5.0 and Kaplan ARE 4.0 study guides primarily besides instructor experiential knowledge and examples.